

In the Claims:

Cancel claims 3-5 and 15.

Enter new claims 21 and 22.

Amend claims 1, 6, 10-12 and 16 as shown below in the entire set of pending claims. Underlines indicate insertions, and ~~strikeouts~~ indicate deletions.

1 1. (Currently Amended) An appliance application loading
2 system for a network environment, comprising:
3 a client;
4 a web application server communicating with the client within the
5 network environment;
6 ~~an~~ a network-based appliance communicably attached with the
7 web server within the network environment, wherein the network-based
8 appliance includes an embedded device having a non-volatile storage device; and
9 a loading mechanism provided on the network-based appliance and
10 operative to download an application to the appliance from the web application
11 server upon the occurrence of a power on/off cycle, wherein an application
12 header and a universal resource locator (URL) are stored on the non-volatile
13 storage device, and an application body is provided on the web server at a
14 location corresponding with the URL, the URL being initialized to access the
15 application body when the loading mechanism detects the application header.

1 2. (Original) The appliance application loading system of
2 claim 1 wherein the loading mechanism is provided at least in part by the client.

1 3-5. (Canceled)

1 6. (Currently Amended) The appliance application loading
2 system of ~~claim 5~~ claim 1 wherein the application body comprises a servlet
3 provided on the web server.

1 7. (Original) The appliance application loading system of
2 claim 1 wherein the network-based appliance comprises an embedded device,
3 and the loading mechanism comprises a virtual machine.

1 8. (Original) The appliance application loading system of
2 claim 1 wherein the network-based appliance uses the loading device to
3 download specific appliance configuration settings.

1 9. (Original) The appliance application loading system of
2 claim 8 wherein the appliance comprises an embedded device, and the loading
3 mechanism comprises a program routine that copies an application program into
4 memory of the embedded device from the web server for execution.

1 10. (Currently Amended) A computer peripheral program
2 product, comprising:
3 a web application server;
4 a network environment;
5 a computer peripheral; and
6 an application loader to load an extendable architecture application
7 to the computer peripheral so as to enable versioning, updating, and remote
8 configuration of the computer peripheral via the web application server;
9 wherein the application loader associates an application header of
10 the computer peripheral and an application body of the web application server,
11 the application includes the application header having identification information
12 for the application and a uniform resource locator (URL) to the application body,
13 the application body including one or more individual applications that can be
14 loaded on the computer peripheral, the URL being initialized to access the
15 application body when the application loader detects the application header.

1 11. (Currently Amended) The computer peripheral program
2 product of claim 10 wherein the ~~appliance~~ computer peripheral comprises a
3 virtual machine including a web client.

1 12. (Currently Amended) The computer peripheral program
2 product of claim 10 wherein the ~~appliance~~ computer peripheral comprises a
3 printer, and updating comprises configuring the printer with a printer application
4 comprising a printer configuration state.

1 13. (Original) The computer peripheral program product of
2 claim 12 wherein the printer configuration state comprises user settings.

1 14. (Original) The computer peripheral program product of
2 claim 12 wherein the printer configuration state comprises a servlet on the web
3 application server that transfers applications and settings to the printer in
4 response to a power cycle that automatically updates the applications and
5 configuration settings for the printer.

1 15. (Canceled)

1 16. (Currently Amended) A method for updating applications to
2 embedded devices, comprising:
3 providing a network-based appliance communicably attached with
4 a web application server, the appliance having a loading mechanism to download
5 an application to the appliance from the server;
6 querying the appliance with the web server to determine presence
7 of an application header; and
8 updating the appliance with the application from the server upon
9 the occurrence of a power on/off cycle and upon detecting the presence of the
10 application header.

1 17. (Original) The method of claim 16 wherein the appliance
2 comprises an embedded device, and updating comprises configuring the
3 embedded device with an application comprising an embedded device
4 configuration state.

1 18. (Original) The method of claim 17 wherein the embedded
2 device configuration state comprises user settings.

1 19. (Original) The method of claim 17 wherein the embedded
2 device configuration state comprises a servlet on the web application server that
3 is transferred to the embedded device in response to a power cycle that
4 automatically updates the applications and configuration settings for the
5 embedded device.

1 20. (Original) The method of claim 16 wherein a plurality of
2 appliances are communicably attached with the web application server each
3 with a dedicated one of the loading mechanism, wherein the web application
4 server stores appliance applications and configuration settings to enable plural
5 appliance configuration setup to version and update such applications.

Please add the following new claims:

1 21. (New) An appliance application loading system for a network
2 environment, comprising:

3 a client;

4 a server communicating with the client;

5 a network-based appliance communicably attached with the server,
6 the network-based appliance including an embedded device having a non-volatile
7 storage device; and

8 a loading mechanism provided on the network-based appliance and
9 operative to download an application to the network-based appliance from the
10 server upon the occurrence of a power on/off cycle, wherein an application
11 header and a universal resource locator (URL) are stored on the non-volatile
12 storage device, and an application body, having a servlet, is provided on the
13 server at a location corresponding with the URL, the URL being initialized to
14 access the application body when the loading mechanism detects the application
15 header;

16 wherein servlet settings corresponding to the network-based
17 appliance are automatically updated via the loading mechanism if a user locally
18 changes settings of the network-based appliance.

1 22. (New) The system of claim 21, wherein the server
2 comprises a dedicated servlet configured to have settings that are unique to a
3 network-based appliance.